AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A message transfer part (MTP) level 3 protocol integrating apparatus of a network comprising:

a narrowband-ISDN user part (N-ISUP) network;

a broadband-ISDN user part (B-ISUP) network; and

a MTP level 3 protocol integrating unit receiving a predetermined message from a lower layer of protocol and determining whether the message is a N-ISUP message type or is a B-ISUP message type based on a code within the received message, the MTP level 3 protocol integrating unit simultaneously interfacing the corresponding message to either the N-ISUP network or the B-ISUP network according to the determined message type of the predetermined message, wherein the MTP level 3 protocol integrating unit is capable of interfacing an N-ISUP message to the N-ISUP network and interfacing a B-ISUP message to the B-ISUP network.

2. (Currently Amended) An apparatus of claim 1, wherein the protocol integrating unit comprises:

a data managing unit storing ~~a~~ user data related to the N-ISUP network and the B-ISUP ~~networks~~ network;

a signal link managing unit managing ~~a~~ signal ~~link~~ links of the N-ISUP network and the B-ISUP ~~networks~~ network;

a signal link set managing unit managing ~~a~~ signal link ~~set~~ sets of the N-ISUP network and the B-ISUP ~~networks~~ network;

a signal route managing unit managing ~~a~~ signal ~~route~~ routes of the N-ISUP network and the B-ISUP ~~networks~~ network;

an internal managing unit controlling the signal link managing unit, the signal link set managing unit and the signal route managing unit and activating the N-ISUP network or the B-ISUP network;

a primitive managing unit for determining whether a received message is the N-ISUP message type or the B-ISUP message type; and

a message distribution managing unit transmitting an originating N-ISUP message or an originated B-ISUP message from the primitive managing unit through the activated N-ISUP network or the activated B-ISUP network to an ISDN user part based on the determined message type.

3. (Previously Presented) The apparatus of claim 2, wherein the primitive managing unit compares an originating signal point code and a destination point code included in the received message to an originated signal point code and a destination point code stored in the data managing unit in order to determine the message type.

4. (Original) The apparatus of claim 2, wherein the user data refers to an originating point code, a destination point code, a signal link, a signal link set and a signal route related to the N-ISUP network and the B-ISUP network.

5. (Currently Amended) A message transfer part level 3 L3 protocol integrating apparatus of a network comprising:

a data managing unit storing ~~a~~ user data related to a N-ISUP network and a B-ISUP network;

a signal link managing unit managing ~~a~~ signal ~~link~~ links of the N-ISUP network and the B-ISUP network;

a signal link set managing unit managing ~~a~~ signal link ~~set~~ sets of the N-ISUP network and the B-ISUP network;

a signal route managing unit managing ~~a~~ signal ~~route~~ routes of the N-ISUP network and the B-ISUP network;

an internal managing unit controlling the signal link managing unit, the signal link set managing unit and the signal route managing unit and activating the N-ISUP network or the B-ISUP network;

a primitive managing unit for determining whether a received message is an N-ISUP message type or a B-ISUP message type; and

a message distribution managing unit transmitting an originating N-ISUP message from the primitive managing unit through the activated N-ISUP network to an ISDN user part

based on the determined message type and the message distribution managing unit transmitting an originating B-ISUP message from the primitive managing unit through the activated B-ISUP network to the ISDN user part based on the determined message type.

6. (Original) The apparatus of claim 5, wherein the user data refers to an originating point code, a destination point code, a signal link, a signal link set and a signal route related to the N-ISUP network and the B-ISUP network.

7. (Currently Amended) A message transfer part level 3 protocol integrating method of a network comprising:

registering a user data related to a N-ISUP message or a B-ISUP message;

activating the N-ISUP network or the B-ISUP network according to a user control instruction and the registered user data;

determining that a received message is a N-ISUP message type based on a code within the received message and determining that another received message is a B-ISUP message type based on the code within the another received message;

transmitting a N-ISUP message through the activated N-ISUP network to the ISDN user part based on the determined message type; and

transmitting a B-ISUP message through the activated B-ISUP network to the ISDN user part based on the determined message type.

8. (Original) The method of claim 7, wherein the user data refers to an originating point code, a destination point code, a signal link, a signal link set and a signal route related to the N-ISUP network and the B-ISUP network.

9. (Currently Amended) The method of claim 7, wherein, in the user data registering ~~step~~, the originating point code and the destination point code to be connected to each other are registered as the same type of ISUP.

10. (Currently Amended) The method of claim 7, wherein, in the user data registering ~~step~~, if the destination signal point is N-ISUP the signal link is registered as N-ISUP, and if the destination signal point is B-ISUP the signal link is registered as B-ISUP.

11. (Currently Amended) The method of claim 7, wherein, in the user data registering ~~step~~, if the destination point code and the signal link are the N-ISUP the signal link set is registered as N-ISUP, and if the destination point code and the signal link are B-ISUP, the signal link set is registered as B-ISUP.

12. (Currently Amended) The method of claim 7, wherein, in the user data registering ~~step~~, if the destination point code and the destination point code in the signal route are the N-ISUP the signal route is registered as N-ISUP, and if the destination point code and the destination point code in the signal route are B-ISUP the signal route is registered as B-ISUP.

13. (Original) The method of claim 7, wherein the type of the received message is determined by comparing the originating point code and the destination point code included in the received message to the originating point code and the destination point code of the user data.

14. (Previously Presented) A message transfer part level 3 protocol integrating method of a network comprising:

registering a user data related to a N-ISUP message and a B-ISUP message;

activating the N-ISUP network and the B-ISUP network according to a user control instruction and the registered user data;

determining that a received message is a N-ISUP message type based on a code within the received message and determining that another received message is a B-ISUP message type based on the code within the another received message; and

transmitting a corresponding message through the activated N-ISUP network to the ISDN user part based on the determined message type and transmitting another corresponding message through the activated B-ISUP network to the ISDN user part based on the determined message type.

15. (Original) The method of claim 14, wherein the user data refers to an originating point code, a destination point code, a signal link, a signal link set and a signal route related to the N-ISUP network and the B-ISUP network.

16. (Currently Amended) The method of claim 14, wherein, in the user data registering ~~step~~, the originating point code and the destination point code to be connected to each other are registered as the same type of ISUP.

17. (Currently Amended) The method of claim 14, wherein, in the user data registering ~~step~~, if the destination signal point is N-ISUP the signal link is registered as N-ISUP, and if the destination signal point is B-ISUP the signal link is registered as B-ISUP.

18. (Currently Amended) The method of claim 14, wherein, in the user data registering ~~step~~, if the destination point code and the signal link are the N-ISUP the signal link set is registered as N-ISUP, and if the destination point code and the signal link are B-ISUP, the signal link set is registered as B-ISUP.

19. (Currently Amended) The method of claim 14, wherein, in the user data registering ~~step~~, if the destination point code and the destination point code in the signal route are the N-ISUP the signal route is registered as N-ISUP, and if the destination point code and the destination point code in the signal route are B-ISUP the signal route is registered as B-ISUP.

20. (Original) The method of claim 14, wherein the type of the received message is determined by comparing the originating point code and the destination point code included in

the received message to the originating point code and the destination point code of the user data.

21. (Previously Presented) The method of claim 14, further comprising receiving the N-ISUP message from an MTP level 2 protocol prior to determining the type of the received message.

22. (Previously Presented) The method of claim 14, further comprising receiving the B-ISUP message from an asynchronous transfer mode adaptation layer prior to determining the type of the received message.

23. (Currently Amended) The method of claim 14, wherein transmitting comprises coupling an internal managing unit to the N-ISUP network and the B-ISUP ~~networks~~ network.

24. (Previously Presented) The apparatus of claim 1, wherein the protocol integrating unit comprises a single unit to couple to each of the N-ISUP network and the B-ISUP network.

25. (Previously Presented) The apparatus of claim 5, wherein the protocol integrating apparatus comprises a single unit.

26. (New) The apparatus of claim 5, wherein the protocol integrating apparatus simultaneously interfaces the N-ISUP network and the B-ISUP network.